1	SECTION G
2	CONTINGENCY PLAN
3	[6 CCR 1007-3 § 100.41(a)(7) and § 264.50 through 264.56]
4	
5	This section describes the response actions to be taken to minimize hazards to human health and the
6	environment from fires, explosions, and any unplanned sudden or non-sudden release of hazardous waste
7	constituents associated with Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP) Explosive
8	Destruction System (EDS) site operations as required by the Colorado Hazardous Waste Regulations,
9	6 Colorado Code of Regulations (CCR) 1007-3 § 100.41(a)(7) and § 264 Subpart D. The provisions of
10	this Contingency Plan will be carried out immediately by PCAPP EDS personnel whenever there is a fire,
11	explosion, or release of hazardous waste or hazardous waste constituents at the PCAPP EDS site that
12	could threaten human health or the environment. The Pueblo Chemical Depot (PCD) Resource
13	Conservation and Recovery Act (RCRA) Hazardous Waste Permit Renewal Application (June 2013)
14	Section G provides the detailed Contingency Plan implemented by PCD.
15	
16	Should an incident involving chemical agent occur outside engineering controls, the PCD Operations
17	Center (OC) will be immediately notified of the incident, and the PCD Chemical Accident/Incident
18	Response and Assistance (CAIRA) Plan will be implemented. The PCD OC will make the notifications
19	to Pueblo County in accordance with the Memorandum of Agreement for notifications of chemical
20	accidents/incidents. The PCD CAIRA Plan provides procedures for evacuation, containment,
21	decontamination, cleanup, recovery, and remedial operations relating to a chemical agent release.
22	
23	The PCD Installation Spill Contingency Plan (ISCP) details the actions that take place if a
24	nonagent-related spill or release occurs. The ISCP identifies resources, equipment, personnel, and
25	procedures to be used to prevent oil or nonagent-related hazardous material/waste spills from reaching
26	surface and subsurface water. This plan is also designed to minimize hazards to human health and the
27	environment from fires, explosions, or any unplanned sudden or gradual release of oil or nonagent-related
28	hazardous material/waste to air, soil, or surface water, and is carried out whenever any of these incidents
29	occur.
30	
31	Incidental releases or spills occurring within engineering controls will be managed by PCAPP EDS site
32	personnel using this Contingency Plan. However, PCAPP EDS site personnel will immediately notify the
33	PCD OC of the incident. An incidental release is a release of hazardous waste/materials or waste
34	constituents, including chemical agent, where the substance can be absorbed, neutralized, contained, or
35	otherwise controlled by personnel in the immediate release area using emergency equipment on-hand.

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Spills beyond the management capability of the PCAPP EDS Joint Project Manager Elimination

- 2 (Provisional) (JPM E (P)) Site Manager will be managed by PCD personnel under the PCD CAIRA or
- 3 ISCP, as applicable.

4

- 5 The JPM E (P) Site Manager or PCAPP EDS Safety and Health Officer (SHO) will be responsible for
- 6 ensuring the appropriate response procedures are followed. The PCAPP EDS Command Post will be
- 7 notified if any emergency or spill release (that threatens public health or environment) occurs. A copy of
- 8 this Contingency Plan and all revisions will be maintained at the PCAPP EDS Command Post.

9 10

This Contingency Plan will be reviewed and amended in the event of any of the following:

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• The RCRA Permit is revised.

14

• This Contingency Plan fails in a test or actual emergency.

15 16

17

18

 Changes occur in the design, construction, operation, maintenance, or other areas of the PCAPP EDS site operation in a way that increases the potential for fires, explosions, or releases of hazardous waste/materials or hazardous constituents, or changes the response necessary in an emergency.

19 20

• The list of emergency coordinators changes.

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• The list of emergency equipment changes.

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- 25 All site workers will be trained on emergency procedures, including communications and alarm systems,
- 26 notifications, evacuation, and reporting. Selected site personnel will have training and certification in
- 27 first aid and cardiopulmonary resuscitation (CPR) and use of an automated external defibrillator (AED).
- A first aid kit and AED will be onsite during all operations.

- 30 In the event of an emergency, the PCD OC will be notified. The PCD OC has the authority to commit
- 31 resources needed to manage emergency situations and clean up spills or other releases.

2 3 Any incident requiring implementation of the Contingency Plan will be noted in the operating record. 4 CDPHE will be notified that the following conditions have been met before resuming operations: 5 The cleanup is complete and at no time during a response were wastes that were 6 7 incompatible with the released materials treated, stored, or disposed of. 8 9 All emergency equipment used to respond to this incident is cleaned and again fit for its 10 intended use. 11 Within 15 days after an incident that requires implementation of this Contingency Plan, the incident is 12 13 reported to the Hazardous Waste Division of CDPHE, to the director of CDPHE, and is noted in the 14 Operating Record. The CDPHE is sent a written report within the 15 days specified in the regulation. 15 The report includes the following information: 16 17 1. Name, address, and telephone number of the owner or operator 18 2. 19 Name, address, and telephone number of the facility 20 3. 21 Date, time, and type of incident 22 4. Name and quantity of material(s) involved 23 24 25 5. The extent of injuries, if any 26 27 6. An assessment of actual or potential hazards to human health or the environment, where applicable 28 29 30 7. Estimated quantity and disposition of recovered material that resulted from the incident.

REQUIRED REPORTS [6 CCR 1007-3 § 264.56(j)]

1

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1

G-7 EVACUATION PLAN [6 CCR 1007-3 § 264.52(f)]

2

1

3 Personnel assigned to the PCAPP EDS site will be instructed in evacuation signals, procedures, and

4 routes from the PCAPP EDS site.

5

- 6 Evacuation routes from the PCAPP EDS site will be posted onsite. If the PCAPP EDS footprint or the
- 7 installation needs to be evacuated, procedures for evacuation in the PCD Installation Emergency
- 8 Management Plan will be implemented, and the installation will coordinate with local officials, as
- 9 required.

10 11

Evacuation of the PCAPP EDS Site

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Evacuation procedures are as follows:

14 15

1. Upon direction to evacuate, all personnel in the area will be notified of the evacuation by an audible alarm and/or vocal command.

16 17 18

19 20

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2. If an incident occurs inside the Environmental Enclosure, non-essential personnel (as defined by the JPM E (P) Site Manager or designee) will don protective masks and will proceed outside to an upwind assembly point to receive further instructions from the JPM E (P) Site Manager or designee. All essential personnel will don protective masks (unless already in higher level PPE) and will rally at the PDS to prepare to decontaminate the contaminated area. If the incident has occurred outside the Environmental Enclosure, the same procedure will be followed and all non-essential personnel will be evacuated from the assembly point to a safe distance upwind of the incident. Personnel will be accounted for at the assembly area. Windsocks located at the site will indicate wind direction. If evacuation is based on chemical accident/incident from the Chemical Limited Area, PCD OC will provide evacuation route to follow.

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3. The JPM E (P) Site Manager or designee will identify the evacuation route from the PCAPP EDS site as applicable, based on the type of incident and prevailing wind.

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34

4. PCAPP EDS site personnel will evacuate the area following the determined evacuation route.

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1	5.	The JPM E (P) Site Manager or designee will contact the PCD OC and will indicate the
2		number of injured personnel. Personnel who are injured or may have been exposed to
3		non-hazardous chemicals or chemical agents will be decontaminated in the PCAPP EDS
4		site PDS, then taken to a hospital.
-		

6

All other personnel will evacuate to the identified assembly point. 6.

1 **G-6 COORDINATION AGREEMENTS** [6 CCR 1007-3 § 264.37 and 264.52(c)]

2

- 3 PCD maintains its own security force, health clinic, and Fire and Emergency Services Department that
- 4 serve as the primary authorities for emergency response. The Fire and Emergency Services Department
- 5 serves as the emergency response team for all incidents involving industrial and/or chemical facilities.
- 6 These personnel are trained to respond to all incidents that could be encountered at this installation.

- 8 Coordination agreements are established within local agencies in the PCD region. Reciprocal medical
- 9 service agreements are established with the Parkview Episcopal Medical Center and St. Mary Corwin
- 10 Hospital. Reciprocal fire protection agreements are in place made with the Boone Fire Department,
- Pueblo Rural Fire Department, and TTCI. There is also a Memorandum of Agreement between Pueblo
- 12 County and PCD for Notifications During a Chemical Accident/Incident, Other Emergencies or
- Exercises. An example of the agreement is contained in Appendix C of the PCD ISCP. Signed copies are
- 14 kept onsite at PCD.

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1	G-5 EMERGENCY EQUIPMENT [6 CCR 1007-3 § 264.52(e)]	
2		
3	The following types of emergency equipment are maintained at PCD for emergency responses	ponse and are
4	described in Section G of the PCD RCRA Hazardous Waste Permit Renewal Application	n (June 2013):
5		
6	Fire protection equipment	
7	Spill control equipment	
8	• Decontamination equipment.	
9		
10	Emergency equipment that will be maintained at the PCAPP EDS site is provided in Ta	ble G-5-1 . In
11	addition, the PCAPP EDS site will contain communication systems and a Personnel Dec	contamination
12	Station (PDS) at each Environmental Enclosure.	
13		
14	G-5a PCAPP EDS Site Communication and Alarm Systems (Internal and Extern	nal)
15		
16	Internal communications of personnel between various trailers will consist of throat mic	rophones,
17	hand-held radios, headsets, and cell phones. Throat microphones and headset equipmen	t will also be
18	made available when personnel are required to use self-contained breathing apparatus (S	SCBA) equipment
19	or supplied air, and the "two-man rule" will be invoked to ensure personnel safety when	working on
20	contaminated or "hot" equipment. Non-routine operating conditions, including detection	n of the release of
21	chemical agent above the established alarm level will be conveyed to site personnel using	ig this internal
22	communication system.	
23		
24	Land lines and/or cell phones will be the primary external communication equipment th	at will be used to
25	summon emergency assistance from PCD security, police, fire department, and/or emergency	gency response
26	teams. Hand-held radios and cell phones may also be used to summon external assistan	ce in an
27	emergency.	
28		
29	Monitoring will be conducted during chemical agent operations. An alarm will sound in	the monitoring
30	module should target chemicals be detected above the established alarm levels. Information	ition about
31	monitoring and associated equipment is provided in Attachment F-2 of this permit mod	lification.

All tables are located at the end of this section.

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1 G-5b Emergency PDS

- 3 The PDS consists of equipment for personnel and equipment decontamination purposes. When treating
- 4 chemical agent fills, a 5 percent solution of sodium hypochlorite (NaOCl) will be used at each PDS for
- 5 equipment, along with a detergent and water solution for personnel.

Table G-5-1. PCAPP EDS Site Emergency Equipment 1 2 3 I. PCAPP EDS General Storage 4 A. 95-Gallon spill kit 5 1. Sorbent materials 6 2. Scoop 7 3. Respiratory and eye protection equipment (goggles) 8 4. Nitrile gloves 5. Dust pan 9 6. Broom 10 7. Disposal bags and ties 11 8. Spill socks (small and large) 12 9. ERG book 13 B. 55-Gallon wheeled salvage drum 14 C. 95-Gallon poly overpack wheeled salvage drum 15 D. Fire Extinguisher (ABC) 16 17 PCAPP EDS Environmental Enclosures 18 A. 55-Gallon spill kit 19 1. Disposal bags 20 21 2. Spill socks (medium) 3. Spill pads 22 4. Duct tape 23 24 5. ERG book 6. Instruction sheet SDS 25 B. 55-Gallon poly drum 26 27 C. Fire extinguisher (ABC) 28 29 III. PCAPP EDS Personnel Decontamination Station Environmental Enclosures A. 55-Gallon spill kit 30 1. Disposal bags 31 32 2. Spill socks (medium) 3. Spill pads 33 4. Duct tape 34 5. ERG book 35 6. Instruction sheet SDS 36 B. 55-Gallon poly drum 37

C.

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39

Wet/dry vacuum

D. Fire extinguisher (ABC)

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1

1	G-4 EM	ERGENCY ACTIONS [6 CCR 1007-3 § 264.56]
2		
3	The emerge	ncy procedures presented in the following paragraphs are those to be followed by the PCAPP
4	EDS site per	rsonnel. Once notification of an emergency has been made that implements the PCD CAIRA
5	Plan, proced	lures presented in that plan will be followed.
6		
7	G-4a Not	ification [6 CCR 1007-3 § 264.56(a) and (d)]
8		
9	When a che	mical agent, hazardous waste/hazardous material accident/incident emergency occurs at the
10	PCAPP EDS	S site, the following procedures will be followed:
11		
12	1.	The discoverer of the incident will immediately notify the JPM E (P) Site Manager or
13		designee of the incident by vocal command (for example, person to person, telephone,
14		radio). If the incident involves release of chemical agent outside of engineering controls,
15		a call must be made immediately to the PCD OC due to time limits in reporting incident
16		to County and State agencies.
17		
18	2.	The JPM E (P) Site Manager or designee will visually assess the incident and notify and
19		provide input to the PCD OC.
20		
21	3.	PCAPP EDS site personnel and visitors will be notified of an emergency by an audible
22		alarm and/or vocal command. Individuals visiting the PCAPP EDS site will be escorted
23		by personnel who are familiar with site-specific emergency notification procedures.

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4.

5. The OSC and JPM E (P) Site Manager or designee will evaluate the incident. The OSC will determine if local authorities should be contacted to request assistance or evacuate the local area. This procedure is in accordance with the PCD CAIRA Plan or ISCP. The OSC will also notify all appropriate local and state agencies as necessary, based on the extent of the incident. The PCD ISCP describes the process PCD employs for emergency situations and notifying appropriate state or local agencies with designated response roles.

Upon notification of an emergency, all EDS processing and support operations will

continue until items being processed have been secured. Once the items are secured,

EDS processing operations will cease.

1 **G-4b Identification of Hazardous Materials** [6 CCR 1007-3 § 264.56(b)]

2

- 3 The emergency responders will identify the character, exact source, amount, and extent of any release of
- 4 hazardous waste or materials. The exact source of a hazardous waste or material release is initially
- 5 identified by the discoverer and later confirmed by the On-Scene Incident Commander (OSIC). The
- 6 OSIC establishes the field Command Post and oversees all operations/activities performed at the accident
- 7 site and ensures that the OSC is apprised of activities in the field. The OSIC maintains radio contact with
- 8 the OC, accident/incident site, hotline, security forces, and emergency teams to ensure appropriate
- 9 procedures are followed.

10

- Known chemical fills will be managed at the PCAPP EDS site. Therefore, any release of an unknown
- material is not anticipated. However, if a released material cannot be readily identified, samples may be
- collected for analysis. In the event that material cannot be identified by analysis, a "worst-case" situation
- will be assumed and commensurate response procedures will be initiated.

15 16

G-4c Hazard Assessment [6 CCR 1007-3 § 264.56(c)]

17 18

- An assessment on possible hazards to human health and the environment will be conducted in accordance
- with the PCD CAIRA Plan and ISCP. The assessment will consider both direct and indirect effects.

20

- 21 If a spill/release occurs at the PCAPP EDS site, the JPM E (P) Site Manager or designee will immediately
- assess all spills/releases to determine the following information: material(s) involved; exact source of
- 23 release; quantity of release; release classification: (1) release to the environment (not wholly contained in
- 24 the Environmental Enclosure) or (2) release contained, extent of any materials released to the
- environment, and extent of injuries.

26

27 The JPM E (P) Site Manager or designee will then provide input to the OSC.

28 29

G-4d Notification Procedures [6 CCR 1007-3 § 264.56(d)]

30

- 31 If the OSC or designee determines, based on the assessment, the incident could threaten human health or
- 32 the environment outside PCD, he or she directs the Crisis Management Team to notify the National
- Response Center (NRC) and the appropriate local/state agencies. The OSIC provides the following:

3435

• Name, title, and telephone number of the Emergency Coordinator/PCD OC

1	•	Name and address of facility	
2			
3	•	Time and type of incident (for example, release, fire)	
4			
5	•	Names and quantity of material(s) involved, to the extent known (indicate if spill	
6		quantities have been exceeded)	
7			
8	•	The extent of injuries, if any	
9			
10	•	The possible hazards to human health or the environment, outside PCD.	
11			
12	•	An estimated quantity and disposition of recovered material that resulted from the	
13		accident/incident.	
14			
15	The PCD OC	contacts the Pueblo County EOC and provides the appropriate information.	
16			
17	G-4e Cont	rol Procedures [6 CCR 1007-3 § 264.52(a)]	
18	TTI.		
19	•	s and control procedures described in this section will be initiated in the event of an incident	
20	•	emical agent or hazardous waste/hazardous materials at the PCAPP EDS site involving fire,	
2122		ill, or vapor release of chemical agent or other hazardous materials that pose a possible threa lth and the environment. Also included are procedures that will be followed in response to	
23		lls or releases. In specific emergency situations, the OSC or designated representative may	
24	deviate from the procedures to bring the situation under control.		
25	deviate from	the procedures to oring the situation under control.	
26	Incidents In	volving Fire or Explosion	
27		•	
28	The PCD CA	IRA Plan or ISCP will be implemented immediately if there is a fire or explosion that	
29	involves, or c	could spread to, hazardous waste management areas at the PCAPP EDS site. If a larger area	
30	needs to be evacuated, procedures for evacuation in the PCD CAIRA Plan will be implemented, and the		
31	installation w	rill coordinate with local officials, as required.	
32			
33	The JPM E (I	P) Site Manager for the PCAPP EDS site or designee will immediately assess all	
34	fires/explosio	ons to determine the following information: material(s) involved; exact source of release;	

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quantity of release; release classification: (1) release to the environment (not wholly contained in the

- 2 PCAPP EDS site Environmental Enclosure, supply storage area, or hazardous waste storage areas) or
- 3 (2) release contained, extent of any materials released to the environment, and extent of injuries.

4

5 The JPM E (P) Site Manager or designee will then provide input to the OSC.

6 7

Spills or Releases Outside Engineering Controls

8

In the event of a chemical agent spill or release outside engineering controls, the PCD CAIRA Plan will be implemented.

11

10

- 12 For spills or releases of non-chemical agent hazardous wastes or materials outside engineering controls,
- the PCD ISCP will be implemented.

14 15

If decontamination of terrain is required, decontamination measures will follow procedures specified in the current PCD ISCP.

161718

If the spill or release is a reportable spill¹ or a release above the reportable quantity, notification will be made to the PCD OC. The OSC will evaluate the release and make additional notifications in accordance with the PCD ISCP, as required.

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19

Procedures to Respond to Incidental Spills and Releases

2324

The following actions will be taken in the event of incidental spills or releases:

2526

27

 Wear appropriate protective clothing per the direction of SHO. The personal protective equipment (PPE) selection process for EDS operations are described in the PCAPP EDS Site Health and Safety Plan.

2829

2. Contain the spill in the smallest area possible using absorbent socks, berms, or other means.

_

Reportable spills are those entering surface waters or wetlands or any spill over 25 gallons or any release above the reportable quantity. Mandatory notifications should be made within 30 minutes of discovery of the discharge.

1		3.	Repair or plug the leak, if possible.
2			
3		4.	Decontaminate the release area. The EDS decontamination procedure is described in the
4			PCAPP EDS Site Health and Safety Plan.
5			
6		5.	For container spills, the container must be repaired or removed from service immediately
7			if leaking. Place container in overpack or remove container contents, if necessary, using
8			a portable pump, and transfer material to a new container. If the material was released to
9			secondary containment (for contents released from a container), released material will
10			either be removed from the containment area using equipment such as a portable pump of
11			absorbed using compatible absorbent materials such as pillows, socks, or granules.
12			
13		6.	Decontaminate equipment and clothing as directed by the JPM E (P) Site Manager or
14			designee as applicable.
15			
16		7.	Manage spent chemical agent decontamination solutions and other waste
17			decontamination solutions as hazardous waste.
18			
19		8.	Place absorbed or pumped material into United Nations (UN) rated containers, label
20			appropriately, and store in a less than 90-day hazardous waste storage area at the PCAPP
21			EDS site pending shipment to a permitted treatment, storage, and disposal facility
22			(TSDF) for further management.
23			
24	G-4f	Preve	ention of Recurrence or Spread of Fire, Explosion, or Release [6 CCR 1007-3
25		§ 264	.56(e) and (f)]
26			
27	All op	erations	s near a hazardous waste spill, release, fire, or uncontrolled explosion site will be suspended
28	by the JPM E (P) Site Manager or designee for that particular site involved until cleared by the OSC as		
29	specified in the current PCD CAIRA Plan.		
30			
31	Before	enterin	ng an area after a fire or explosion has been extinguished, monitoring equipment (for
32	example, gas detectors) will be used to detect additional hazards.		
33	•	-	
34	Prior t	o restar	ting PCAPP EDS site operations, the JPM E (P) Site Manager or designee and OSC will
35	inspect process and structural equipment for leaks, cracks, and other potential problems. Released waste		
	•	-	· · · · · · · · · · · · · · · · · ·

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1 will be properly collected and containerized after personnel safety is assured and the released material has 2 been identified. Containers of waste will be isolated from other waste and stored in a less than 90-day 3 hazardous waste storage area pending shipment to a permitted TSDF for further management. 4 A review of the cause of a chemical agent or hazardous waste/hazardous material accident/incident, as 5 specified in the current PCD CAIRA Plan, will be conducted by the OSC and the JPM E (P) Site Manager 6 7 or designee. The operation that caused the accident/incident will not be restarted until adequate corrective 8 and preventive measures have been determined and implemented. Any incident that necessitates 9 implementing this Contingency Plan will be followed by a written report documenting review of the 10 incident and the follow-up actions required. A written report is required for any incident where the 11 Contingency Plan is implemented, including fires, explosions, and releases. 12 G-4g Storage and Treatment of Released Material [6 CCR 1007-3 § 264.56(g)] 13 14 15 Spilled or contaminated materials produced by a hazardous waste accident or incident will be collected, characterized, and stored in a less than 90-day hazardous waste storage area pending shipment to a 16 17 permitted TSDF. 18 19 **Incompatible Waste** [6 CCR 1007-3 § 264.56(h)(1)] 20 21 After proper identification, the JPM E (P) Site Manager or OSC will ensure any waste that may be 22 incompatible with the released material will not be treated, stored, or otherwise managed in the area in 23 which the incident occurred until cleanup procedures are completed. 24 25 G-4i Post-Emergency Equipment Maintenance [6 CCR 1007-3 § 264.56(h)(2) and (i)] 26 27 All emergency equipment used in responding to a spill, fire, explosion, or release will be decontaminated and repaired as necessary prior to reuse or will be replaced in accordance with the PCD CAIRA Plan. 28 29 30 Before operations resume, all safety equipment will be inspected. Emergency equipment will also be

cleaned, inspected, and maintained by the equipment user. State authorities will be notified that

post-emergency equipment maintenance has been completed and that operations will be resumed.

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2 areas of the PCAPP EDS site, the PCD Environmental Officer will notify the Colorado Department of 3 Public Health and Environment (CDPHE) and any local authorities (as applicable) that: 4 1. 5 Cleanup of the affected areas has been completed so that PCAPP EDS site operations may be resumed without risk of incompatible material coming into contact with spilled 6 7 material. 8 9 2. All emergency equipment has been cleaned and readied for its intended use. 10 11 G-4i **Container Spills and Leakage** [6 CCR 1007-3 § 264.52 and 264.171] 12 The procedures to be used to contain spills or leakage, including the removal of leaked or spilled waste 13 14 and the repair of containers, are discussed in Section G-4e, Control Procedures. Spill cleanup will occur 15 within 24 hours after the incident. 16 17 **Tank Spills and Leakage** [6 CCR 1007-3 § 264.194(c)] 18 19 The hazardous waste management units addressed in this permit modification are not tanks; therefore, the 20 requirements of this section are not applicable. 21 22 G-41 Surface Impoundment Spills and Leakage [6 CCR 1007-3 § 264.227] 23 24 The hazardous waste management units addressed in this permit modification are not surface 25 impoundment units; therefore, the requirements of this section are not applicable.

When this Contingency Plan is invoked and decontamination and cleanup are completed in the affected

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1

G-3 IMPLEMENTATION [6 CCR 1007-3 § 264.52(a) and 264.56(d)]

1 2

- 3 The provisions of this Contingency Plan will be carried out immediately by PCD and PCAPP EDS site
- 4 personnel whenever there is a fire, explosion, or release of hazardous material, hazardous waste, or
- 5 hazardous waste constituents that could threaten human health or the environment.

- 7 The PCD CAIRA Plan will be implemented when a fire, explosion, or release of chemical agent or
- 8 hazardous waste/hazardous material occurs outside the engineering controls of the PCAPP EDS site.
- 9 Incidental releases or spills of chemical agent, hazardous material, or hazardous waste that occur inside
- the engineering controls of the PCAPP EDS site will be managed as a part of routine operations. Control
- procedures for responding to incidental spills and releases are described in Section G-4e.

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1

1	G-2 EMERGENCY COORDINATORS [6 CCR 1007-3 § 264.52(d) and 264.55]
2	
3	For any chemical agent or hazardous waste/hazardous material spill or release at the PCAPP EDS site, the
4	JPM E (P) Site Manager or designee will act as the emergency coordinator and will be called. Releases or
5	spills occurring within engineering controls or for an incident at the EDS site will be managed by EDS
6	site personnel. However, PCAPP EDS personnel will immediately notify the PCD OC of the spill or
7	release. Spills beyond the management capability of PCAPP EDS site personnel will be managed by
8	PCD personnel under their emergency response procedures. Based on assessment, the JPM E (P) Site
9	Manager or designee will notify the PCD OC if any emergency or release condition occurs.
10	
11	In the event of an emergency, the PCD OC will be notified. For chemical agent releases outside of
12	engineering controls, the OC notifies depot personnel to report to their CAIRA duty stations and starts
13	implementation of the PCD CAIRA Plan. For hazardous waste material spills or releases, the OC notifies
14	the Crisis Management Team to report to the OC.
15	
16	The Depot Commander is the On-Scene Coordinator (OSC). The OSC is the responsible party when the
17	Contingency Plan is implemented and has the authority to commit resources needed to manage
18	emergency situations and clean up spills or other releases. The OSC is the officer responsible for
19	coordinating all operations at the accident site. The OSC is responsible for ensuring operations prevent,
20	minimize, or mitigate damage to public health or welfare or to the environment. The OSC coordinates
21	emergency medical services; monitors and evaluates a release; and takes any other actions required by
22	Army guidance or directed by the Army Chain of Command to remedy the results of a chemical event.
23	Table G-2-1 ¹ lists key personnel and phone numbers of all identified individuals.
24	
25	A detailed description of the PCD emergency response organization and designated personnel for a spill
26	or release of agent-related hazardous waste is provided in the PCD CAIRA Plan.

All tables are located at the end of this section.

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Table G-2-1. Telephone Numbers for Key PCD and Army Personnel

1	
2	

Title	Telephone Number(s)
On-Scene Incident Commander (OSIC)	(719) 549-4911 (719) 549-4655
Operations Center (OC)	(719) 549-4211
Installation Emergency Manager	(719) 540-4300 (719) 540-5115

2 3 The hazardous waste management units addressed in this permit modification will be located at PCD in 4 Pueblo County, Colorado. The PCAPP EDS site will be located in the northern portion of PCD (see Figure B-1-2). Figure G-1-1¹ depicts a generic EDS site layout. Two EDS units will be located at the 5 PCAPP EDS site as well as the Container Storage Unit (CSU). 6 7 8 The EDS is a transportable system designed to safely treat/destroy munitions and other items that contain 9 chemical agent fills with or without energetic components. The EDS units will be deployed to 10 treat/destroy overpacked munitions, Department of Transportation (DOT) cylinders, and other 11 miscellaneous items (ignition cartridges, propellant) currently stored at PCD that contain mustard agents (distilled sulfur mustard [HD]/mustard-T mixture [HT]), as well as to treat/destroy any reject chemical 12 13 agent munitions or contaminated bursters generated from the PCAPP operations. 14 15 The CSU is an existing earth-covered concrete storage igloo with four walls, floor, and ceiling that will be

used to store items pending treatment in an EDS unit. Items to be treated will be transferred to the CSU

from the PCD RCRA-permitted storage igloos and from the CSU to an EDS Environmental Enclosure

prior to treatment. A physical description of the CSU is provided in Section D-1 of this permit

GENERAL INFORMATION [6 CCR 1007-3 § 264.52]

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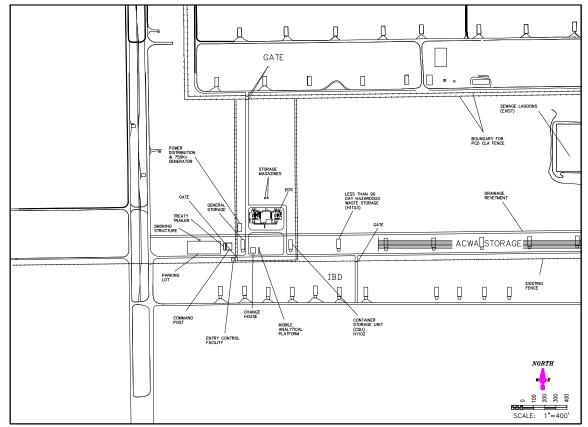
18 19

modification.

G-1

All figures are located at the end of this section.

Date: October 2013 Revision No. 0



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PCAPP EDS

Figure G-1-1. PCAPP EDS Site Layout